



RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/900,063A
Source: 1600
Date Processed by STIC: 6/12/2003

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry directly to:
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
Or
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 04/24/2003

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/900,063A

DATE: 06/12/2003

TIME: 08:07:21

Input Set : A:\EP.txt

Output Set: N:\CRF4\06122003\I900063A.raw

115 gtgggggtttt tttcaggctcg cactacgtga aatgcactct accagagaaaa gctcgaaaat 420
 117 gggggttagaa tgacactacc cagactcaca gttcactctt cttcatgctc cattttcaac 480
 119 cacttgcctc tt 492
 122 <210> SEQ ID NO: 4
 124 <211> LENGTH: 20
 126 <212> TYPE: DNA
 128 <213> ORGANISM: Unknown
 132 <220> FEATURE:
 134 <223> OTHER INFORMATION: Human and rabbit cDNA sequences encoding the prolactin receptor
 135 were used to design the degenerate primer
 137 <220> FEATURE:
 139 <221> NAME/KEY: misc_difference
 141 <222> LOCATION: (13)..(13)
 143 <223> OTHER INFORMATION: C/T *use "y" y = cor +*
 147 <400> SEQUENCE: 4
 148 tcacaaggtc aaaaaagatg 20
 151 <210> SEQ ID NO: 5
 153 <211> LENGTH: 20
 155 <212> TYPE: DNA
 157 <213> ORGANISM: Unknown
 161 <220> FEATURE:
 163 <223> OTHER INFORMATION: Human and rabbit cDNA sequences encoding the prolactin receptor
 164 were used to design the degenerate primer
 166 <220> FEATURE:
 168 <221> NAME/KEY: misc_difference
 170 <222> LOCATION: (3)..(3)
 172 <223> OTHER INFORMATION: G/A *use "r"*
 176 <220> FEATURE:
 178 <221> NAME/KEY: misc_difference
 180 <222> LOCATION: (9)..(9)
 182 <223> OTHER INFORMATION: G/A *use "r"*
 186 <220> FEATURE:
 188 <221> NAME/KEY: misc_difference
 190 <222> LOCATION: (16)..(16)
 192 <223> OTHER INFORMATION: G/A *use "r"*
 196 <400> SEQUENCE: 5
 197 tggagaaaaga ggcaagtgg 20
 200 <210> SEQ ID NO: 6
 202 <211> LENGTH: 20
 204 <212> TYPE: DNA
 206 <213> ORGANISM: Porcine
 210 <400> SEQUENCE: 6
 211 cggccgcaga atcctgctgc 20
 214 <210> SEQ ID NO: 7
 216 <211> LENGTH: 24
 218 <212> TYPE: DNA
 220 <213> ORGANISM: Porcine
 224 <400> SEQUENCE: 7
 225 acccccacccttt gtaaccatc atcc 24

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Input Set : A:\EP.txt
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228 <210> SEQ ID NO: 8	
230 <211> LENGTH: 18	
232 <212> TYPE: DNA	
234 <213> ORGANISM: Porcine	
238 <400> SEQUENCE: 8	
239 caaggtggga acatgagt	18
242 <210> SEQ ID NO: 9	
244 <211> LENGTH: 20	
246 <212> TYPE: DNA	
248 <213> ORGANISM: Porcine	
252 <400> SEQUENCE: 9	
253 aatectttta tttttggccc	20
256 <210> SEQ ID NO: 10	
258 <211> LENGTH: 20	
260 <212> TYPE: DNA	
262 <213> ORGANISM: Porcine	
266 <400> SEQUENCE: 10	
267 gattatttgc tgggcagtgg	20
270 <210> SEQ ID NO: 11	
272 <211> LENGTH: 20	
274 <212> TYPE: DNA	
276 <213> ORGANISM: Porcine	
280 <400> SEQUENCE: 11	
281 aatccctttta tttttggccc	20
284 <210> SEQ ID NO: 12	
286 <211> LENGTH: 20	
288 <212> TYPE: DNA	
290 <213> ORGANISM: Porcine	
294 <400> SEQUENCE: 12	
295 gattatttgc tgggcagtgg	20
298 <210> SEQ ID NO: 13	
300 <211> LENGTH: 23	
302 <212> TYPE: DNA	
304 <213> ORGANISM: Porcine	
308 <400> SEQUENCE: 13	
309 ctatttcaca aaaactgcgc tac	23
312 <210> SEQ ID NO: 14	
314 <211> LENGTH: 566	
316 <212> TYPE: DNA	
318 <213> ORGANISM: Porcine	
322 <220> FEATURE:	
324 <221> NAME/KEY: misc_feature	
326 <222> LOCATION: (36)..(36)	
328 <223> OTHER INFORMATION: n = unknown at amino acid position 36	
332 <400> SEQUENCE: 14	
W--> 333 gattatttgc tgggcagtgg tcttctctgt ctatcnaccc cccctccatt catggctctca	60
335 agggtataat ggccaaaaaa aagacaagao aaaaatgatg gaaacctaca gataattyaa	120
337 gcacctcatt ttgccattag ctgcatttago cataaaaaaaaaaaaaaaaaa cctttctca	180
339 gtgctagaaa aaacacagaat agactcattt gaaactgatc ttctctctac caaaggaggt	240

? This is a nucleotide sequence.

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341	agcgcagttg	tgaaatagta	aacgtctgac	aagaacagca	aataatccca	ctagtaattt	300									
343	cagaatccgc	ctcctcaatt	agccagaatt	cactgtgatg	ctggcctcta	taatttattat	360									
345	ttgtcttcac	cactgattag	ttcacatca	tgaaaattgc	atgcattta	gtttcacrt	420									
347	gcctcagaac	caacccta	atccatgc	catatccctg	tagcagctat	tgcgaagatca	480									
349	caaggtggga	acatgtgya	tttatctttt	ctcttacatt	attttaggc	atggtgtgc	540									
351	gcatccgggc	aaaaataaa	aggatt				566									
354	<210>	SEQ ID NO:	15													
356	<211>	LENGTH:	518													
358	<212>	TYPE:	DNA													
360	<213>	ORGANISM:	Porcine													
364	<220>	FEATURE:														
366	<221>	NAME/KEY:	misc_feature													
368	<222>	LOCATION:	(49)..(49)													
370	<223>	OTHER INFORMATION:	n = unknown in amino acid position 49													
374	<220>	FEATURE:														
376	<221>	NAME/KEY:	misc_feature													
378	<222>	LOCATION:	(67)..(67)													
380	<223>	OTHER INFORMATION:	n = unknown in amino acid position 67													
384	<400>	SEQUENCE:	15													
W-->	385	gtacacacac	acacacacac	acacacacac	gttaagctnt	ctttctgaat	60									
	387	catgc	cgaggccac	ccatagagga	gtgtgggtga	gggtgccttg	120									
	389	ccctgc	cctacaccca	ctagcctcaa	gatgtcatcc	ctggccctggc	180									
	391	ctgttctgt	caccagcaga	atggtccagt	cattgagcgg	accttcata	240									
	393	ggcttcggc	tttttcttagg	acagtacact	ccgggaaac	ctgagatctt	300									
	395	tctcccggaa	aggaaacatt	cgctgtctgg	tggaaagccgg	ggccggatgg	360									
	397	accaactaga	cgctgactta	ccacaaggaa	gggtaaagcat	tgcgtgtct	420									
	399	cacacgatg	ttctctctct	gtggggccaga	ggaacactgc	ttctgggtt	480									
	401	gctttggagt	tcccgtcatg	gctcgttgt	aacgaatc		518									
404	<210>	SEQ ID NO:	16													
406	<211>	LENGTH:	133													
408	<212>	TYPE:	DNA													
410	<213>	ORGANISM:	Homo sapiens													
414	<400>	SEQUENCE:	16													
415	gacagttacc	tcctggaaaa	cctgagatct	ttaaatgtcg	ttctccaaat	aaggaaacat	60									
417	tcacctgtct	gtggaggcct	gggacagatg	gaggacttcc	taccaattat	tcactgactt	120									
419	accacaggg	agg					133									
422	<210>	SEQ ID NO:	17													
424	<211>	LENGTH:	53													
426	<212>	TYPE:	PRT													
428	<213>	ORGANISM:	Homo sapiens													
432	<400>	SEQUENCE:	17													
434	Gly	Gln	Leu	Pro	Pro	Gly	Ile	Phe	Lys	Ser	Pro	Phe	Cys			
435	1			5		10			15							
438	Arg	Ser	Pro	Asn	Lys	Glu	Thr	Phe	Thr	Glu	Ala	Arg	Pro	Gly	Thr	Asp
439				20			25			30						
442	Gly	Gly	Leu	Pro	Thr	Asn	Lys	Pro	Ala	Asn	Tyr	Ser	Leu	Thr	Tyr	His
443				35			40			45						
446	Arg	Glu	Gly	Thr	Lys											
447				50												

This is a
nucleotide
sequence

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Input Set : A:\EP.txt
Output Set: N:\CRF4\06122003\I900063A.raw

450 <210> SEQ ID NO: 18
452 <211> LENGTH: 132
454 <212> TYPE: DNA
456 <213> ORGANISM: Porcine
460 <400> SEQUENCE: 18
461 acagtcacct ccggggaaaac ctgagatctt caaatgtcgt tctcccgaaa aggaaacatt 60
463 cgcctgctgg tggaagccgg gggcgatgg aggacttctt accaactaga cgctgactta 120
465 ccacaaggaa gg 132

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 06/12/2003
PATENT APPLICATION: US/09/900,063A TIME: 08:07:22

Input Set : A:\EP.txt
Output Set: N:\CRF4\06122003\I900063A.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:14; N Pos. 36
Seq#:15; N Pos. 49, 67

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 13

VERIFICATION SUMMARY
PATENT APPLICATION: US/09/900,063A

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Input Set : A:\EP.txt
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L:333 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:0
L:385 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:0
M:341 Repeated in SeqNo=15

STATISTICS SUMMARY

PATENT APPLICATION: US/09/900,063A

DATE: 06/12/2003

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Input Set : A:\EP.txt

Output Set: N:\CRF4\06122003\I900063A.raw

Application Serial Number: US/09/900,063A

Alpha or Numeric or Xml: Numeric

Application Class:

Application File Date: 07-06-2001

Art Unit: 1600

Software Application: PatentIN3.1

Total Number of Sequences: 18

Total Nucleotides: 2086

Total Amino Acids: 53

Total Amino Acids: 33
Number of Errors: 0

Number of Warnings: 3

Number of Warnings: 3
Number of Corrections: 0

MESSAGE SUMMARY

341 W: 3 ((46) "n" or "Xaa" used)